

# PATENT ABSTRACTS OF JAPAN

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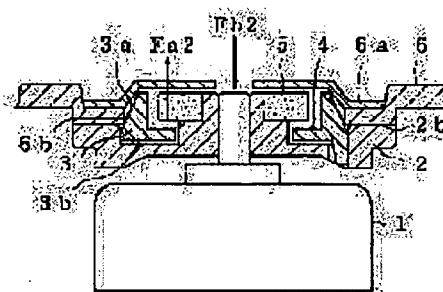
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## (54) DISK DRIVING DEVICE

### (57)Abstract:

**PURPOSE:** To make a centering and clamping mechanism for a disk has a thinned and simplified structure.

**CONSTITUTION:** A magnet 5 is fixed on a turntable 2, and a centering ring 3 where a spherical surface part 3a and a flange part 3b are formed is provided in freely slidable state on the turntable 2. In a state where the center hole 6b of the disk 6 comes in contact with the centering ring 3, magnetic attractive force is generated between the flange part 3b and the magnet 5. The generated attractive force is set smaller than the magnetic attractive force between the hub 6a of the disk 6 and the magnet 5. When the disk 6 is placed on a placing part 2b, centering is performed by the spherical surface part 3a and the hub 6a is strongly attracted downward by the magnet 5, so that the disk 6 is clamped. Thus, the disk is strongly held even when vibrational impact is added to a disk driving device.



## LEGAL STATUS

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